

Amendments to the Claims:

The following listing of claims will replace all prior versions, and listings, of claims in the application:

1. (Currently Amended) A device to recuperate ~~the~~ energy produced during a ~~the~~ recoiling of a weapon provided with a hydraulic fluid power circuit, wherein said device comprises:

an energy recuperating ~~cylinder~~ cylinder, activated by the recoil of said weapon, a ~~double-acting cylinder~~ comprising two chambers separated by a ~~piston~~, a piston;
wherein a first chamber of said cylinder being connected to said hydraulic fluid power circuit of said weapon, said piston of said cylinder pushing said hydraulic fluid in said circuit into a storage accumulator when said weapon ~~recoils~~ recoils; and
wherein during a counter recoiling of said weapon, said cylinder is pushed in a direction of the counter recoil.

2. (Original) A device according to Claim 1, wherein said energy recuperating cylinder comprises a second chamber connected to a recoil mechanism that ensures pressurising of said mechanism.

3. (Currently Amended) A device according to Claim 2, wherein the energy recuperating cylinder incorporates a rod integral with said piston, said rod pushed by said weapon during ~~its~~ the counter recoil.

4. (Currently Amended) A device according to Claim 3, wherein said energy recuperating cylinder is connected to ~~said weapon's~~ the hydraulic fluid power circuit by means of a main piping divided into at least two secondary pipings provided with first and second valves allowing ~~the~~ passage of a fluid in one direction only, one of said secondary pipings connecting said main piping to said storage accumulator and the other one of said ~~another~~ secondary piping connecting said main piping to a supercharging accumulator.

5. (Original) A device according to Claim 4, wherein said first valve is placed between said supercharging accumulator and said main piping, and said second valve is placed between said main piping and said storage accumulator, said first valve being closed and said second valve open when said weapon recoils.

6. (Currently Amended) A device according to Claim 5, wherein said storage accumulator supplies said ~~weapon's~~hydraulic fluid power circuit with pressurised fluid via a service piping.

7. (Withdrawn) An energy recuperation device according to Claim 6, wherein said second chamber of said recuperating cylinder is connected to a nitrogen chamber of said recoil mechanism.

8. (Currently Amended) An energy recuperation device according to Claim 6, wherein said second chamber of said recuperating cylinder is connected to said recoil mechanism via an oil circuit delimited on ~~said-nitrogen~~a nitrogen chamber side of said recoil mechanism by a free piston which separates ~~said-nitrogen~~ and said oil circuit.

9. (Withdrawn) An energy recuperation device according to Claim 6, wherein said second chamber of said recuperating cylinder is connected to said oil chamber of said recoil mechanism.